



#10

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/446,109

Source: 1653

Date Processed by STIC: 5-14-01

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JUN 07 2001

TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

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1653

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/446,109

DATE: 05/14/2001

TIME: 11:00:02

Input Set : A:\ES.txt

Output Set: N:\CRF3\05142001\I446109.raw

Does Not Comply
Corrected Diskette Needed

pp 1-5

3 <110> APPLICANT: FAIRLIE, DAVID
 4 MAXWELL, STEPHEN
 5 FINCH, ANGELA MONIQUE
 6 WONG, ALLAN
 8 <120> TITLE OF INVENTION: CYCLIC ANAGONISTS AND ANTAGONISTS OF C5a RECEPTORS AND G PROTEIN-COUPLED
 9 RECEPTORS
 11 <130> FILE REFERENCE: 10648-0001-0PCT
 13 <140> CURRENT APPLICATION NUMBER: 09/446,109
 14 <141> CURRENT FILING DATE: 2000-04-21
 16 <150> PRIOR APPLICATION NUMBER: PCT/AU98/00490
 17 <151> PRIOR FILING DATE: 1998-06-25
 19 <150> PRIOR APPLICATION NUMBER: AU P07550
 20 <151> PRIOR FILING DATE: 1997-06-25
 22 <160> NUMBER OF SEQ ID NOS: 24
 24 <170> SOFTWARE: PatentIn version 3.0
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 10
 28 <212> TYPE: PRT
 29 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <221> NAME/KEY: misc_feature
 33 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA peptide?
 36 <400> SEQUENCE: 1
 38 Ile Ser His Lys Asp Met Gln Leu Gly Arg
 39 1 5 10
 41 <210> SEQ ID NO: 2
 42 <211> LENGTH: 10
 43 <212> TYPE: PRT
 44 <213> ORGANISM: Artificial Sequence
 46 <220> FEATURE:
 47 <221> NAME/KEY: misc_feature
 48 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA peptide?
 51 <400> SEQUENCE: 2
 53 Tyr Ser Phe Lys Asp Met Gln Leu Gly Arg
 54 1 5 10
 56 <210> SEQ ID NO: 3
 57 <211> LENGTH: 10
 58 <212> TYPE: PRT
 59 <213> ORGANISM: Artificial Sequence
 61 <220> FEATURE:
 62 <221> NAME/KEY: misc_feature
 63 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA peptide?
 66 <220> FEATURE:
 67 <221> NAME/KEY: SITE
 68 <222> LOCATION: (9)..(9) → what residue does Xaa represent?
 70 <400> SEQUENCE: 3 <223>
 W--> 72 Tyr Ser Phe Lys Asp Met Pro Leu Xaa Arg

RAW SEQUENCE LISTING DATE: 05/14/2001
 PATENT APPLICATION: US/09/446,109 TIME: 11:00:02

Input Set : A:\ES.txt
 Output Set: N:\CRF3\05142001\I446109.raw

```

73 1          5          10
75 <210> SEQ ID NO: 4
76 <211> LENGTH: 10
77 <212> TYPE: PRT
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <221> NAME/KEY: misc_feature
82 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
85 <220> FEATURE:
86 <221> NAME/KEY: SITE
87 <222> LOCATION: (9)..(9)
88 <223> OTHER INFORMATION: Xaa is D-Ala
91 <400> SEQUENCE: 4
W--> 93 Tyr Ser Phe Lys Pro Met Pro Leu Xaa Arg
94 1          5          10
96 <210> SEQ ID NO: 5
97 <211> LENGTH: 21
98 <212> TYPE: PRT
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <221> NAME/KEY: misc_feature
103 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
106 <220> FEATURE:
107 <221> NAME/KEY: MOD_RES
108 <222> LOCATION: (11)..(11)
109 <223> OTHER INFORMATION: Acp
112 <220> FEATURE:
113 <221> NAME/KEY: SITE
114 <222> LOCATION: (20)..(20)
115 <223> OTHER INFORMATION: Xaa is D-Ala
118 <400> SEQUENCE: 5
W--> 120 Arg Ala Ala Arg Ile Ser Leu Gly Pro Arg Xaa Tyr Ser Phe Lys Pro
121 1          5          10          15
W--> 123 Met Pro Leu Xaa Arg
124          20
126 <210> SEQ ID NO: 6
127 <211> LENGTH: 20
128 <212> TYPE: PRT
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <221> NAME/KEY: misc_feature
133 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
136 <220> FEATURE:
137 <221> NAME/KEY: MOD_RES
138 <222> LOCATION: (10)..(10)
139 <223> OTHER INFORMATION: Acp
142 <220> FEATURE:
143 <221> NAME/KEY: SITE
144 <222> LOCATION: (19)..(19)

```

peptide?

peptide?

peptide?

RAW SEQUENCE LISTING DATE: 05/14/2001
 PATENT APPLICATION: US/09/446,109 TIME: 11:00:02

Input Set : A:\ES.txt
 Output Set: N:\CRF3\05142001\I446109.raw

219 <213> ORGANISM: Artificial Sequence
 221 <220> FEATURE:
 222 <221> NAME/KEY: misc_feature
 223 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic (DNA)
 226 <220> FEATURE:
 227 <221> NAME/KEY: MOD_RES
 228 <222> LOCATION: (1)..(1) ✓
 229 <223> OTHER INFORMATION: METHYLATION
 232 <220> FEATURE:
 233 <221> NAME/KEY: SITE
 234 <222> LOCATION: (4)..(4) ✓
 235 <223> OTHER INFORMATION: Xaa is D-cyclohexylalanine
 238 <400> SEQUENCE: 9
 W--> 240 Phe Lys Pro Xaa Trp Arg
 241 1 5
 243 <210> SEQ ID NO: 10
 244 <211> LENGTH: 6
 245 <212> TYPE: PRT
 246 <213> ORGANISM: Artificial Sequence
 248 <220> FEATURE:
 249 <221> NAME/KEY: misc_feature
 250 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic (DNA)
 253 <220> FEATURE:
 254 <221> NAME/KEY: MOD_RES
 255 <222> LOCATION: (1)..(1) ✓
 256 <223> OTHER INFORMATION: METHYLATION
 259 <400> SEQUENCE: 10
 261 Phe Lys Pro Leu Trp Arg
 262 1 5
 264 <210> SEQ ID NO: 11
 265 <211> LENGTH: 6
 266 <212> TYPE: PRT
 267 <213> ORGANISM: Artificial Sequence
 269 <220> FEATURE:
 270 <221> NAME/KEY: misc_feature
 271 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic (DNA)
 274 <220> FEATURE:
 275 <221> NAME/KEY: SITE
 276 <222> LOCATION: (2)..(6)
 277 <223> OTHER INFORMATION: cyclic portion
 280 <220> FEATURE:
 281 <221> NAME/KEY: MOD_RES
 282 <222> LOCATION: (1)..(1)
 283 <223> OTHER INFORMATION: ACETYLATION
 286 <220> FEATURE:
 287 <221> NAME/KEY: SITE
 288 <222> LOCATION: (4)..(4) ✓
 289 <223> OTHER INFORMATION: Xaa is D-cyclohexylalanine
 292 <400> SEQUENCE: 11

peptide?

peptide?

peptide?

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/446,109

DATE: 05/14/2001

TIME: 11:00:02

Input Set : A:\ES.txt

Output Set: N:\CRF3\05142001\I446109.raw

W--> 294 Phe Lys Pro Xaa Trp Arg
 295 1 5
 297 <210> SEQ ID NO: 12
 298 <211> LENGTH: 6
 299 <212> TYPE: PRT
 300 <213> ORGANISM: Artificial Sequence
 302 <220> FEATURE:
 303 <221> NAME/KEY: misc_feature
 304 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic (DNA) peptide?
 307 <220> FEATURE:
 308 <221> NAME/KEY: MOD_RES
 309 <222> LOCATION: (1)..(1) /
 310 <223> OTHER INFORMATION: ACETYLATION
 313 <220> FEATURE:
 314 <221> NAME/KEY: MOD_RES
 315 <222> LOCATION: (2)..(2) /
 316 <223> OTHER INFORMATION: Orn
 319 <220> FEATURE:
 320 <221> NAME/KEY: SITE
 321 <222> LOCATION: (4)..(4) /
 322 <223> OTHER INFORMATION: D-cyclohexylalanine
 325 <220> FEATURE:
 326 <221> NAME/KEY: SITE
 327 <222> LOCATION: (2)..(6)
 328 <223> OTHER INFORMATION: cyclic portion
 331 <400> SEQUENCE: 12

I--> 333 Phe Xaa Pro Xaa Trp Arg
 334 1 5
 336 <210> SEQ ID NO: 13
 337 <211> LENGTH: 6
 338 <212> TYPE: PRT
 339 <213> ORGANISM: Artificial Sequence
 341 <220> FEATURE:
 342 <221> NAME/KEY: misc_feature
 343 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic (DNA) peptide?
 346 <220> FEATURE:
 347 <221> NAME/KEY: SITE
 348 <222> LOCATION: (2)..(2)
 349 <223> OTHER INFORMATION: Xaa is (CH2)-NH2 F.Y.I. Xaa can only represent
 352 <220> FEATURE: a single amino acid
 353 <221> NAME/KEY: SITE residue.
 354 <222> LOCATION: (4)..(4) /
 355 <223> OTHER INFORMATION: Xaa is D-cyclohexylalanine
 358 <220> FEATURE:
 359 <221> NAME/KEY: SITE
 360 <222> LOCATION: (2)..(6)
 361 <223> OTHER INFORMATION: cyclic portion
 364 <400> SEQUENCE: 13
 -> 366 Phe Xaa Pro Xaa Trp Arg

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY DATE: 05/14/2001
PATENT APPLICATION: US/09/446,109 TIME: 11:00:03

Input Set : A:\ES.txt
Output Set: N:\CRF3\05142001\I446109.raw

L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:93 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:150 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:426 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:459 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:498 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:564 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:630 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:708 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:747 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24